

Gain-time accrued at 20 days month of earnable gain-time -2

This spreadsheet compares the effects of an 85% Gain-time law versus a 65% gain-time law and compares both at either 10 days/month or 20 days/month of earnable gain-time. (The 85% or 65% is the minimum amount of the sentence length that must be served.)

In order to make 65% gain-time work, prisoners must be able to earn 20 days/month of incentive gain-time, up from the current 10/days/month. This spreadsheet uses a 100-month sentence as an easy-to-follow-the-math example, but the same percentages of any length sentence have the same results shown here. At an 85% gain-time cap on a 100-month sentence, the maximum usable gain-time earned is 15 months, or 15%. At 65% gain-time, the maximum usable gain-time is 35 months, 35% of a 100-month sentence.

At an 85% cap with 10 days/month earnable gain-time, the current situation, prisoners hit the cap at 45% of their sentence, and so have little motivation to behave well for the next 40% of their sentence. (Or put another way, they could run wild for the first 40% of their sentence earning zero gain-time, then behave for the next 45% and still exit at 85%.) But at an 85% cap with 20 days/month earnable gaintime, prisoners hit the max at only 23% of the sentence, so have 62% left in their sentence with little incentive for good behavior.

However, at 65% gain-time cap, prisoners can reach their maximum usable gain-time at 53% of their sentence, very close to the 65% at which they can exit prison if they have behaved well, so are much more motivated to follow FDOC rules or risk extending their time in prison. (Note: 65% is not possible without the 20/days of earnable gain-time.)

Month sequence of 100-month sentence (or percentage of any sentence)	Accumulated gain-time in days at 10 days/month	Accumulated gain-time in months, at 10/days/month	x	Accumulated gain-time in days at 20 days/month	Accumulated gain-time in months, at 20 days/month	NOTES:
1	10	0.3	x	20	0.7	
2	20	0.7	x	40	1.3	
3	30	1.0	x	60	2.0	
4	40	1.3	x	80	2.6	
5	50	1.7	x	100	3.3	
6	60	2.0	x	120	4.0	
7	70	2.3	x	140	4.6	
8	80	2.6	x	160	5.3	
9	90	3.0	x	180	5.9	
10	100	3.3	x	200	6.6	
11	110	3.6	x	220	7.3	
12	120	4.0	x	240	7.9	
13	130	4.3	x	260	8.6	
14	140	4.6	x	280	9.2	
15	150	5.0	x	300	9.9	
16	160	5.3	x	320	10.6	
17	170	5.6	x	340	11.2	
18	180	5.9	x	360	11.9	
19	190	6.3	x	380	12.5	
20	200	6.6	x	400	13.2	
21	210	6.9	x	420	13.9	
22	220	7.3	x	440	14.5	
23	230	7.6	x	460	15.2	85% gain-time at 20 days/month would max out usable gain time at just 23% of sentence length.
24	240	7.9	x	480	15.8	
25	250	8.3	x	500	16.5	
26	260	8.6	x	520	17.2	
27	270	8.9	x	540	17.8	
28	280	9.2	x	560	18.5	
29	290	9.6	x	580	19.1	
30	300	9.9	x	600	19.8	
31	310	10.2	x	620	20.5	
32	320	10.6	x	640	21.1	
33	330	10.9	x	660	21.8	
34	340	11.2	x	680	22.4	
35	350	11.6	x	700	23.1	
36	360	11.9	x	720	23.8	
37	370	12.2	x	740	24.4	
38	380	12.5	x	760	25.1	
39	390	12.9	x	780	25.7	
40	400	13.2	x	800	26.4	
41	410	13.5	x	820	27.1	
42	420	13.9	x	840	27.7	
43	430	14.2	x	860	28.4	
44	440	14.5	x	880	29.0	
45	450	14.9	x	900	29.7	85% gain-time at 10 days/month maxes out usable gain time at 45% of sentence.
46	460	15.2	x	920	30.4	